

Appl. No.: 10/023,284
Amdt. dated: 12/21/2004
Reply to Office Action of August 16, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

What is claimed is:

1. (Currently Amended). A pump-motor assembly, comprising:
 a sealed motor unit having a motor housing;
 a pump assembly having components, said pump assembly having a predetermined cross-sectional area; and
 a shell having an expanded portion that is relatively larger than said predetermined cross-sectional area having a cross-sectional area relatively larger than said predetermined cross-sectional area, wherein the shell encloses the pump assembly components and the motor unit ~~with and~~ the expanded portion ~~disposed around the motor unit~~ defines a cavity between said shell and said housing and wherein the shell aligns the pump assembly components to the motor unit.
2. (Currently Amended). The pump-motor assembly of claim 1, wherein the motor unit includes an end bell ~~and a lead housing~~.
3. (Original). The pump-motor assembly of claim 2, wherein the shell contacts the end bell.
4. (Currently Amended). The pump-motor assembly of claim 2 ~~2~~ 1, wherein the shell contacts the ~~lead~~ motor housing.
5. (Currently Amended). The pump-motor assembly of claim 2, wherein the shell contacts the end bell and the ~~lead~~ motor housing.
6. (Cancelled).

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7. (Original). The pump-motor assembly of claim 1, wherein the inner diameter of the expanded portion of the shell is at least four inches.

8. (Currently Amended). A pump-manifold assembly, comprising:

a manifold;

a pump-motor assembly; and

a piping assembly connecting the pump-motor assembly to the manifold,

wherein the pump-motor assembly comprises:

a sealed motor unit having a motor housing;

a pump assembly having components, said pump assembly having a predetermined diameter; and

a shell having an expanded portion relative to said pump assembly, wherein the shell encloses the pump assembly components and the motor unit ~~with~~ and a cavity is defined in the expanded portion ~~disposed around the~~ between said motor unit housing and said shell and wherein the shell aligns the pump assembly components to the motor unit.

9. (Currently Amended). The pump-manifold assembly of claim 8, wherein the motor unit includes an end bell ~~and a lead housing~~.

10. (Original). The pump-manifold assembly of claim 9, wherein the shell contacts the end bell.

11. (Currently Amended). The pump-manifold assembly of claim 9, wherein the shell contacts the ~~lead~~ motor housing.

12. (Currently Amended). The pump-manifold assembly of claim 9, wherein the shell contacts the end bell and the ~~lead~~ motor housing.

13. (Cancelled).

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14. (Original). The pump-manifold assembly of claim 8, wherein the inner diameter of the expanded portion of the shell is at least four inches.

15. (Currently Amended). A petroleum distribution system for use in a petroleum dispensing station, comprising:

a petroleum storage tank;

a petroleum dispenser;

a pump-manifold assembly, in fluid communication with the petroleum dispenser, having a pump-motor assembly, wherein the pump-motor assembly is disposed in the storage tank and the pump-motor assembly comprises:

a sealed motor unit having a motor housing;

a pump assembly having components and having a predetermined diameter; and

a shell having an expanded portion relative to said predetermined diameter, wherein the shell encloses the pump assembly components and the motor unit ~~with~~ and the expanded portion ~~disposed around~~ defines a fluid cavity between the motor unit and the pump assembly and wherein the shell aligns the pump assembly components to the motor unit.

16. (Cancelled).

17. (Currently Amended). The petroleum distribution system of claim ~~16~~ 15, wherein the shell contacts the end bell.

18. (Currently Amended). The petroleum distribution system of claim ~~16~~ 15, wherein the shell contacts the ~~lead~~-motor housing.

19. (Currently Amended). The petroleum distribution system of claim ~~16~~ 15, wherein the shell contacts the end bell and the ~~lead~~ motor housing.

20. (Cancelled).

21. (Original). The petroleum distribution system of claim 15, wherein the inner diameter of the expanded portion of the shell is at least four inches.

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22. (Currently Amended). A method for increasing fluid dispensing flow rate in a petroleum distribution system for use in a petroleum dispensing station, comprising:

providing a petroleum distribution system including a petroleum storage tank; a petroleum dispenser; a pump-manifold assembly, in fluid communication with the petroleum dispenser, having a pump-motor assembly, wherein the pump-motor assembly is disposed in the storage tank and the pump-motor assembly includes a sealed motor unit, a pump assembly having components and having a predetermined diameter, and a shell having an expanded portion relative to said predetermined diameter, wherein the shell encloses the pump assembly components and the motor unit ~~with~~ and the expanded portion ~~disposed around~~ defines a fluid cavity between the motor unit and the shell and wherein the shell aligns the pump assembly components to the motor unit; and

energizing the pump-motor assembly to pressurize the petroleum distribution system.

23. (Currently Amended). A method for increasing dispensing capacity in a petroleum distribution system for use in a petroleum dispensing station where the maximum dispensing flow rate is capped, comprising:

providing a capped maximum dispensing flow rate;

providing a petroleum distribution system including a petroleum storage tank; a petroleum dispenser; a pump-manifold assembly having a predetermined diameter, in fluid communication with the petroleum dispenser, having a pump-motor assembly, wherein the pump-motor assembly is disposed in the storage tank and the pump-motor assembly includes a sealed motor unit, a pump assembly having components, and a shell having an expanded portion relatively larger than said predetermined diameter, wherein the shell encloses the pump assembly components and the sealed motor unit with the expanded portion disposed around the motor unit and wherein the shell aligns the pump assembly components to the sealed motor unit; and

energizing the pump-motor assembly to pressurize the petroleum distribution system.

24. (Original). The method of claim 23, wherein the provided capped maximum dispensing flow rate is ten gallons per minute.